

## **Tunku Abdul Rahman University College**

**AACS2204**

### **Object-Oriented Programming Techniques**

#### **Assignment**

**Programme** : Computer Science and Management Mathematics

**Tutorial Group** : Group 2

**Date Submitted to** : 15 August 2019

**Tutor**

#### **Team Members:**

No	Student Name	Student ID	Contribution (%)	Signature
1.	Lim Wei Yang	18WMD03431	25	
2.	Julia Adriana	18WMD03397	25	
3.	Lo Yee Chang	18WMD04787	25	
4.	Quek Wei Xuan	18WMD04671	25	
Total			100	-

No.	Team Member	Task(s) Allocated
1.	Lim Wei Yang	<b><u>Product Module</u></b> <ul style="list-style-type: none"> <li>- Add new meal</li> <li>- Remove exist meal</li> <li>- Modify meal detail</li> <li>- Display meal list</li> <li>- Search meal detail</li> <li>- Restock and Return meal</li> </ul>
2.	Julia Adriana	<b><u>Discount Module</u></b> <ul style="list-style-type: none"> <li>- Add new member</li> <li>- Remove existing member</li> <li>- Modify member detail</li> <li>- Display list of members</li> <li>- Search Member detail</li> <li>- Modify Discount rate</li> </ul>
3.	Lo Yee Chang	<b><u>Order and Sales Report Module</u></b> <ul style="list-style-type: none"> <li>- Accept order from customer</li> <li>- display payment</li> <li>- display receipt</li> <li>- Accept cash voucher and member card number from customer</li> <li>- display daily sales report</li> <li>- display total quantity of meal sold</li> </ul>
4.	Quek Wei Xuan	<b><u>Staff Module</u></b> <ul style="list-style-type: none"> <li>- Log in and Log out</li> <li>- Add new staff</li> <li>- Remove existing staff</li> <li>- Modify staff detail</li> <li>- Display list of staff</li> <li>- Search staff detail</li> </ul>

## Declaration

We confirm that we have read and shall comply with all the terms and conditions of TAR University College's plagiarism policy.

We declare that this assignment is free from all forms of plagiarism and for all intents and purposes is my own properly derived work.

Signature :				
Name :	Lim Wei Yang	Lo Yee Chang	Julia Adriana	Quek Wei Xuan
Date :	14/8/2019	14/8/2019	14/8/2019	14/8/2019

## AACS2204 Object-Oriented Programming Techniques - Assignment Feedback Form

Name: 1 \_\_\_\_\_  
 2 \_\_\_\_\_  
 3 \_\_\_\_\_  
 4 \_\_\_\_\_

Tutorial Group:

Part A (25 marks)					
Area	Mark	Very Poor	Rating	Excellent	Comment
			Very poor to Excellent		
Programming Style	5	All identifiers do not conform to the standard Java naming convention or not meaningful.	<div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> <div>5</div> </div> <div> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> </div>	All identifiers strictly conform to the standard Java naming convention and are meaningful.	
Client Program	6	Inappropriate use of constructs. Coding is very inefficient and difficult to maintain.	<div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> <div>5</div> <div>6</div> </div> <div> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> </div>	Elegant logic and use of constructs. Coding is highly efficient and very easy to maintain.	
	6	Completed < 50% of the functional requirements or < 50% of the operations are correctly implemented.	<div> <div>1</div> <div>2</div> <div>3</div> <div>4</div> <div>5</div> <div>6</div> </div> <div> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> </div>	Completed 100% of the functional requirements. All operations are implemented correctly.	
Exception Handling	8	Executes with errors or without exception handling	<div> <div>0</div> <div>2</div> <div>4</div> <div>6</div> <div>8</div> </div> <div> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> </div>	Executes without any errors and appropriate error messages	
<b>Total</b>	<b>25</b>				

Part B (25 marks)					
Area	Mark	Very Poor	Rating	Excellent	Comment
			Very poor to Excellent		
Class Encapsulation and Cohesion	8	Completely incorrect implementation of encapsulation.	0    2    4    6    8 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Completely correct implementation of encapsulation.	
	4	Some classes represents more than 1 entity. Poor class cohesion.	1    2    3    4 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Each class represents a single entity. Each method performs a single well-defined operation that fits the class.	
Class Design	8	Completely incorrect use and implementation of aggregation and composition.	0    2    4    6    8 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Completely correct use and implementation of aggregation and composition.	
	5	Completely incorrect use and implementation of inheritance and polymorphism.	1    2    3    4    5 <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/> <input type="text"/>	Completely correct use and implementation of inheritance & polymorphism. Methods toString() & equals() correctly overridden.	
<b>Total</b>	<b>25</b>				

## **Table of Content**

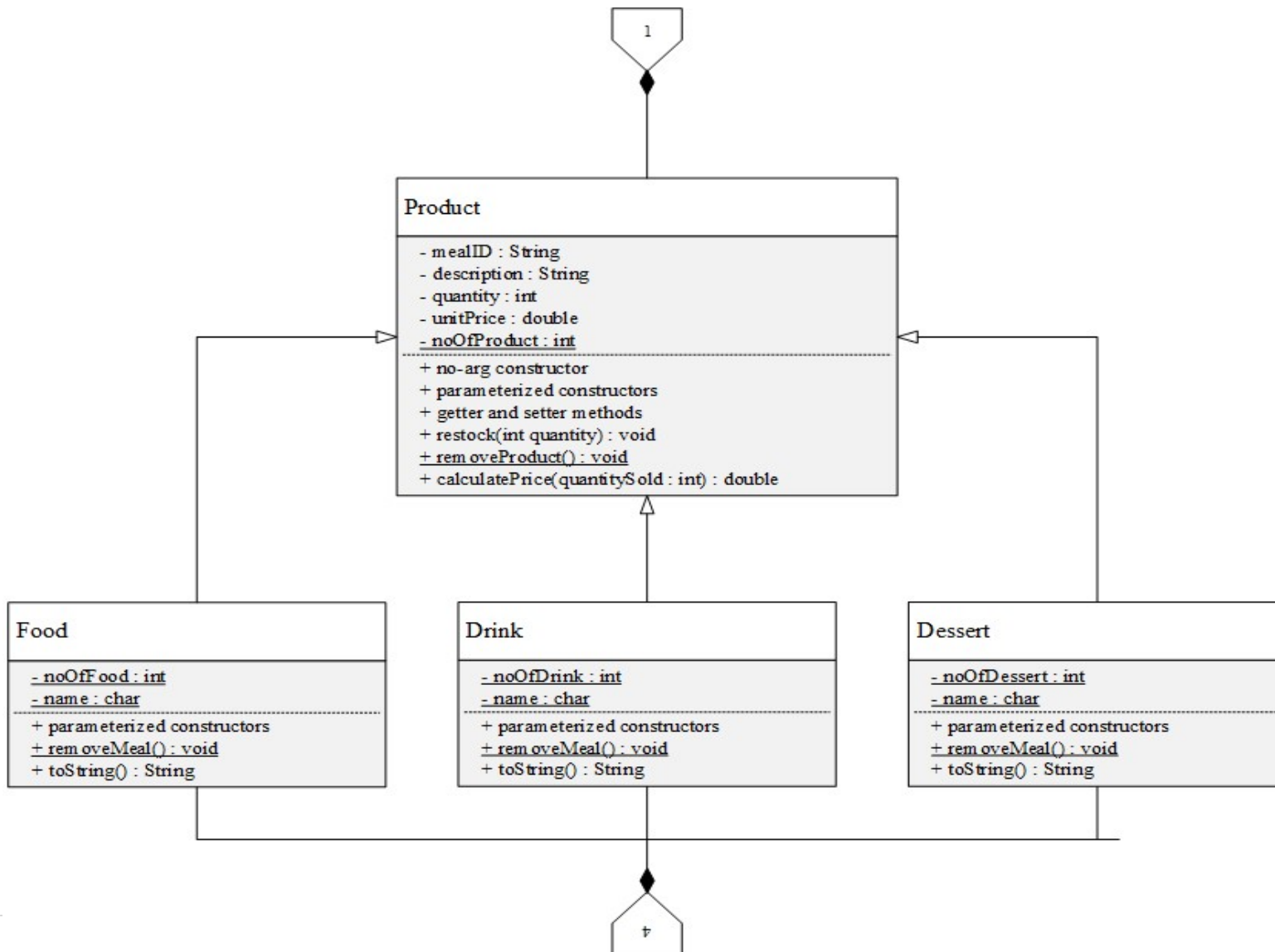
No	Content	Page No.
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## **Description**

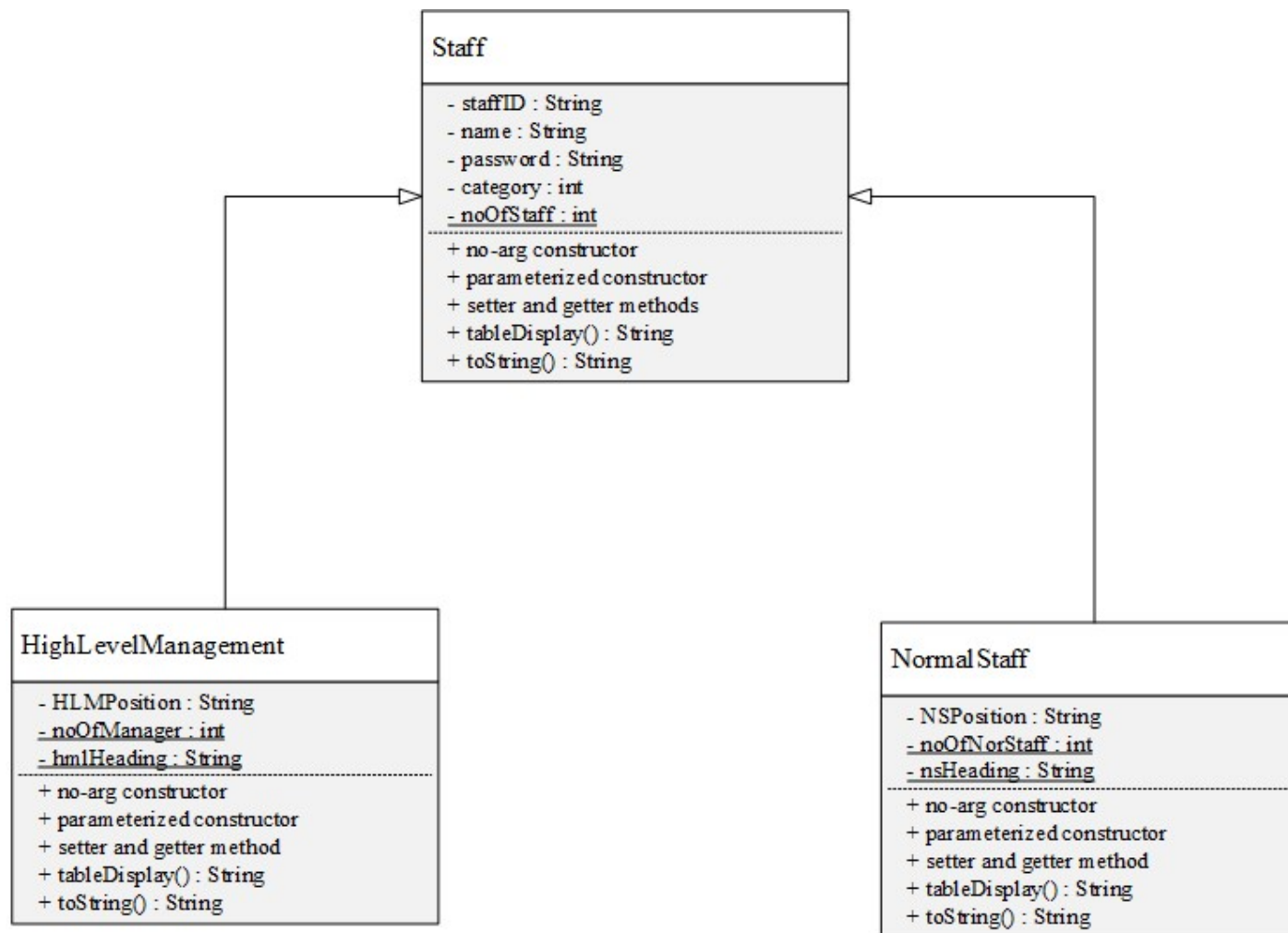
Starducks Café is an American Coffee Company and coffeehouse chain. ‘Starducks Café’ name was actually coming from one story in 1860. It is about a little duck that found a coffee bean tree. The duck is own by a poor farmer called Starned Bullow. The farmer very curious where his duck going when eating. Therefore, he follows the duck to locate where it goes. Surprise, he knows that duck not eating normal food but is coffee tree leaves. After that, the duck shit on the grass and the farmer pick it up and smell it and have a good smell of coffee. So, he thinks out to make research of this coffee bean tree for every day. Finally, he found out that other coffee bean tree is very different and not similar with others coffee bean tree. Then, he finds his friends to invest him to make business of this type of coffee bean tree. After that, Starned Bullow named his company as Starducks Café.

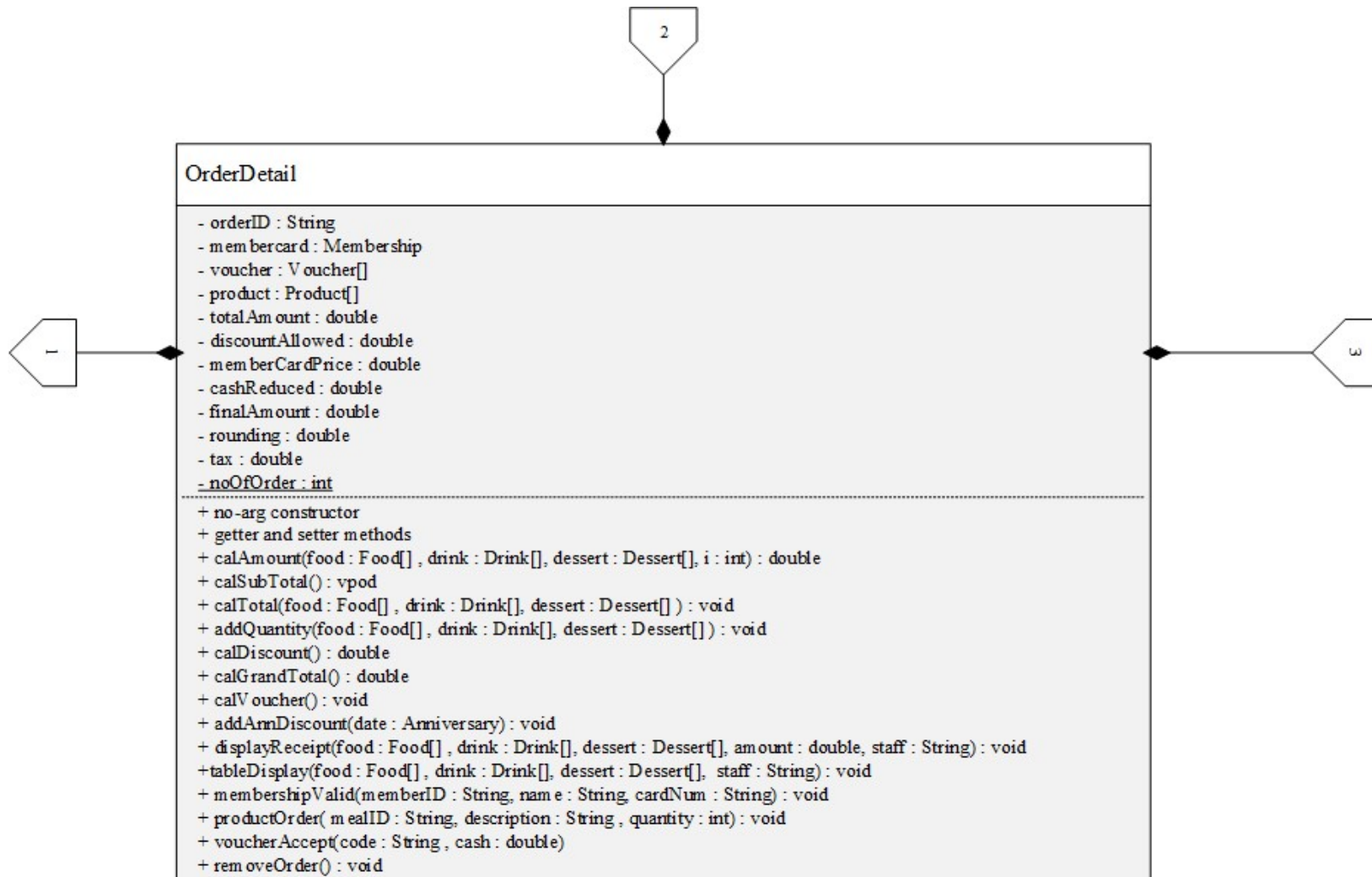
There are a few categories of product in our café. The main product in our café is coffee, there are many types of coffee which is cappuccino, americano, latte, mocha, espresso etc. From here we extend our field to other beverage, which is fruit tea, green tea, strawberry and so on. Other than that, we also have some dessert such as cakes, muffin and more. Furthermore, we also have a few main dishes for lunch and dinner time.

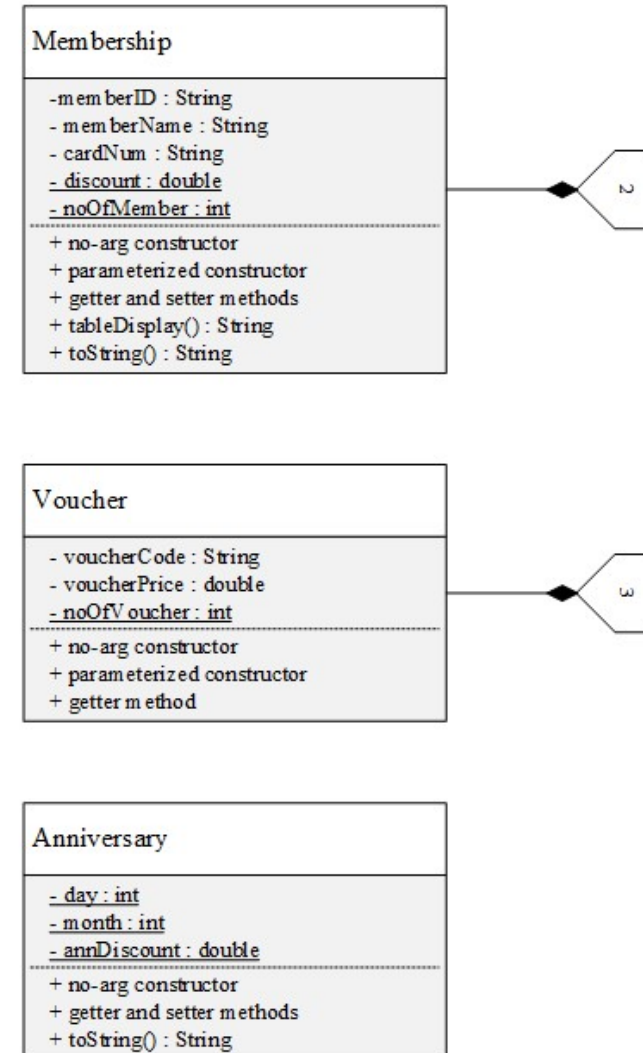
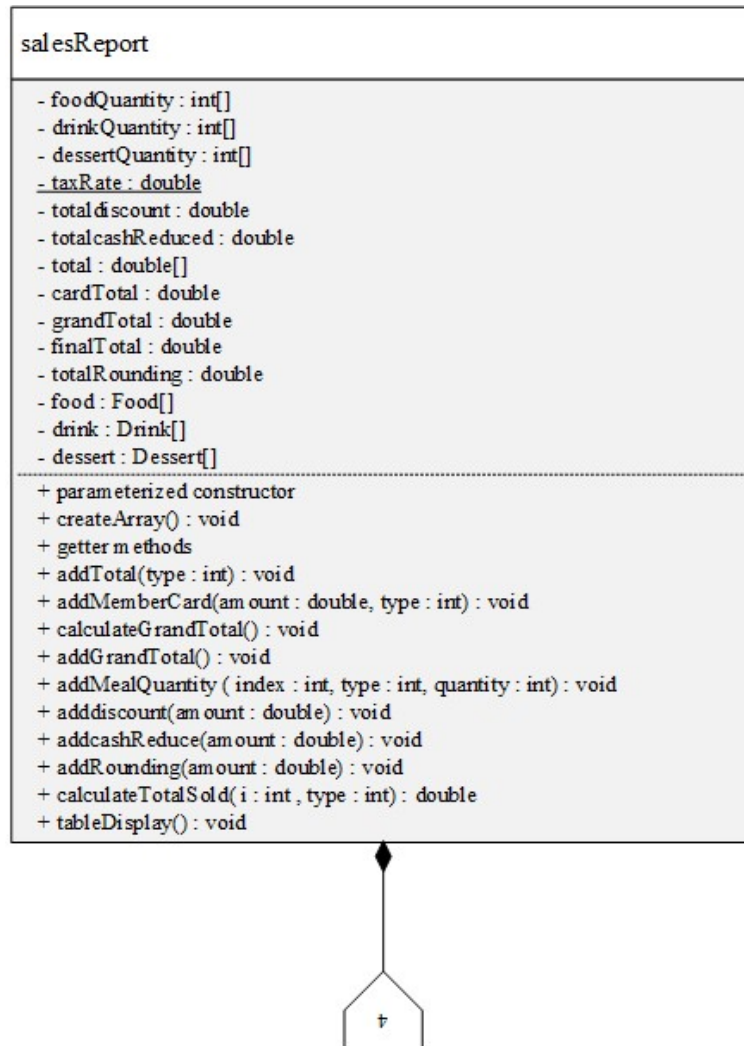
# UML Diagram











### Login Screen for both Normal Staff and High-Level Staff

```
-----Configuration: <Default>-----  
Starduck Cafe  
=====
```

Enter User ID (With '-1' at first 2 characters is exit): **HS003**  
Password : Moolll4  
Welcome, Reuben Moo

```
Starduck Cafe  
=====
```

Enter User ID (With '-1' at first 2 characters is exit): **NS003**  
Password : Ooidedl2  
Welcome, Dickson Ooi

Login as High-Level Staff or Normal Staff, based on the level of position of the staff.  
(HS stand for High-Level Staff, NS stand for Normal Staff)

```
-----Configuration: <Default>-----  
Starduck Cafe  
=====
```

Enter User ID (With '-1' at first 2 characters is exit): **HS**03  
Password : Moolll14

Welcome, Reuben Moo

Starduck Menu

```
=====
```

1.Edit Meal Menu  
2.Edit Membership List and Discount Details  
3.Edit Staff Detail  
4.Start accept customer Order  
5.Log Out

```
=====
```

```
Starduck Cafe  
=====
```

Enter User ID (With '-1' at first 2 characters is exit): **NS**03  
Password : Ooidedl2

Welcome, Dickson Ooi

Starduck Menu

```
=====
```

1.View Meal Menu  
2.View Membership List and Discount Details  
3.Start accept customer Order  
4.Log Out

```
=====
```

Choice : |

After logging in, the action menu will be show for the user to select the action that they want to execute. The user with different level of position will have different action menu.

(Because only the High-Level Staff are able to edit and manipulate the information of the café.)

## Logout Screen

Welcome, Reuben Moo

Starduck Menu

- =====
- 1.Edit Meal Menu
- 2.Edit Membership List and Discount Details
- 3.Edit Staff Detail
- 4.Start accept customer Order
- 5.Log Out
- =====

Choice : 5

Starduck Cafe

=====

Enter User ID (With '-1' at first 2 characters is exit): |

---

Starduck Menu

- =====
- 1.View Meal Menu
- 2.View Membership List and Discount Details
- 3.Start accept customer Order
- 4.Log Out
- =====

Choice : 4

Starduck Cafe

=====

Enter User ID (With '-1' at first 2 characters is exit): |

High-Level Staff can logout their account on the Point-Of-Sales system by selecting 5 in the main menu while Normal Staff can execute the same action by selecting option 4 in the main menu.

### Accept order with updated product menu (Lim Wei Yang)

Welcome, Daniel Soh

Starduck Menu

- ```
=====
1.Edit Meal Menu
2.Edit Membership List and Discount Details
3.Edit Staff Detail
4.Start accept customer Order
5.Log Out
=====
```

Choice : 1|

Meal Menu

- ```
=====
1. Display Menu
2. Search Meal
3. Modify Meal
4. Add New Meal
5. Remove Meal
6. Restock Meal
7. Save and Exit Menu
```

Your Choice : |

When User Select the first option “Edit meal menu”, it will lead the user to product menu which called “meal menu”.



Meal Menu  
=====

1. Display Menu
2. Search Meal
3. Modify Meal
4. Add New Meal
5. Remove Meal
6. Restock Meal
7. Save and Exit Menu

Your Choice : 1

Food Menu				
FoodID	Description	Quantity	UnitPrice	
=====				
F001	Creamy Cheese Spaghetti	10	RM	23.00
F002	Paella	20	RM	44.90
F003	Mushroom Chicken Rice	25	RM	18.90
F004	Risotto	10	RM	15.90
F005	Double-Smoked Bacon	25	RM	28.50
F006	Marcato	20	RM	32.90

No. of Food Displayed : 6

Drink Menu				
DrinkID	Description	Quantity	UnitPrice	
=====				
D001	Espresso	50	RM	15.60
D002	Dark Mocha Frappuccino	40	RM	17.80
D003	Passion fruit Tea	50	RM	15.60
D004	Cappuccino	50	RM	16.30
D005	Green Tea Frappuccino	40	RM	17.80
D006	Americano Brewed Coffee	30	RM	16.30
D007	White Latte	40	RM	15.60
D008	Chocolate Chip Cream	30	RM	17.80
D009	Caramel Frappuccino	20	RM	17.80
D010	Cold brew with Cascara	30	RM	16.30
D011	Strawberry Frappuccino	10	RM	17.80

No. of Drink Displayed : 11

Dessert Menu				
DessertID	Description	Quantity	UnitPrice	
I001	Tiramishu Cake with Chocolate Chip	50	RM	13.50
I002	Black Forest with Dark Coffee	50	RM	16.80
I003	Fruit and Mango Yogurt Cake	40	RM	17.50
I004	Blueberry Cheese Cake	30	RM	12.60
I005	Red Velvet Cake	20	RM	13.10
I006	New York Cheese Cake	40	RM	14.10
I007	Espresso Chocolate Chip Brownies	20	RM	18.50
I008	Skinny Banana Muffin	30	RM	9.80
I009	Butterfly Biscuit	50	RM	6.90
I010	Creamy Milk Chesse Cake with OREO	20	RM	15.40

No. of Drink Displayed : 10

No. of Meal Displayed : 27

When User Select the first option "Display Menu", the list of the menu will be displayed based on category.



## Meal Menu

=====

1. Display Menu
2. Search Meal
3. Modify Meal
4. Add New Meal
5. Remove Meal
6. Restock Meal
7. Save and Exit Menu

Your Choice : 2

Enter meal ID (FOXX, DOXX, IOXX) : F001

Food ID : F001

Food Description : Creamy Cheese Spaghetti

Food Quantity : 10

Food Unit Price : RM23.00

Your Choice : 2

Enter meal ID (FOXX, DOXX, IOXX) : H001

Sorry, your mealID typing is incorrect,it only have FOXX,DOXX,IOXX

Your Choice : 2

Enter meal ID (FOXX, DOXX, IOXX) : F014

Sorry, the meal entered is unknown

When User Select the second option "Search Meal", it will prompt the user to enter the meal ID that he/she want to search.

If the user input format is incorrect, and meaningful error message will show up and redirect back to meal menu

## Meal Menu

=====

1. Display Menu
2. Search Meal
3. Modify Meal
4. Add New Meal
5. Remove Meal
6. Restock Meal
7. Save and Exit Menu

Your Choice : 3

What type you want to modify? (Follow the numeric in front of select.)

1. Food
2. Drink
3. Dessert

Enter Type : |

What type you want to modify? (Follow the numeric in front of select.)

1. Food
2. Drink
3. Dessert

Enter Type : 1

Enter meal ID : F003

Food ID : F003

Food Description : Mushroom Chicken Rice

Food Quantity : 25

Food Unit Price : RM18.90

Which one you want modify?

1. Description
2. UnitPrice
3. Exit Modify

Enter here : |

When user select the third option called "Modify Meal", modify function will be activated.

When the type of meal is selected, the user will need to enter the meal ID of the meal that he/she want to modify.

Which one you want modify?

1. Description
2. UnitPrice
3. Exit Modify

Enter here : 1

Option 1 is selected which will bring the user to the description modification input screen.

Type the new description: Black Pepper Chicken Rice

Old : Mushroom Chicken Rice

New : Black Pepper Chicken Rice

Food ID : F003

Food Description : Black Pepper Chicken Rice

Food Quantity : 25

Food Unit Price : RM18.90

After the new description of the meal is entered, it will be updated automatically into the particular meal menu.

		Food Menu			
FoodID	Description	Quantity	UnitPrice		
F001	Creamy Cheese Spaghetti	10	RM 23.00		
F002	Paella	20	RM 44.90		
F003	Black Pepper Chicken Rice	25	RM 18.90		
F004	Risotto	10	RM 15.90		
F005	Double-SmokedBacon	25	RM 28.50		
F006	Marcato	20	RM 32.90		

No. of Food Displayed : 6

# Meal Menu

=====

1. Display Menu
2. Search Meal
3. Modify Meal
4. Add New Meal
5. Remove Meal
6. Restock Meal
7. Save and Exit Menu

Your Choice : 4

Enter meal type (F for Food, D for Drink, I for Dessert , X for Exit) : F

The fourth option "Add new Meal" is selected, the add meal function will be activated.

## Add Food

=====

Description : Mushroom Chicken Rice

Quantity : 20

Unit Price : RM 19.90

New Food "F007" added!

Food ID : F007

Food Description : Mushroom Chicken Rice

Food Quantity : 20

Food Unit Price : RM19.90

After the details of the new meal is entered, it will be added into the particular meal menu. Based on the meal type entered by the user. (The meal ID will be auto generated.)

Food Menu				
FoodID	Description	Quantity	UnitPrice	
=====				
F001	Creamy Cheese Spaghetti	10	RM	23.00
F002	Paella	20	RM	44.90
F003	Black Pepper Chicken Rice	25	RM	18.90
F004	Risotto	10	RM	15.90
F005	Double-SmokedBacon	25	RM	28.50
F006	Marcato	20	RM	32.90
F007	Mushroom Chicken Rice	20	RM	19.90

No. of Food Displayed : 7

# Meal Menu

=====

1. Display Menu
2. Search Meal
3. Modify Meal
4. Add New Meal
5. Remove Meal
6. Restock Meal
7. Save and Exit Menu

Your Choice : 5

Enter meal ID (FOXX, DOXX, IOXX) : F005

The food Double-SmokedBacon is removed!

Food Menu				
FoodID	Description	Quantity	UnitPrice	
=====				
F001	Creamy Cheese Spaghetti	10	RM	23.00
F002	Paella	20	RM	44.90
F003	Black Pepper Chicken Rice	25	RM	18.90
F004	Risotto	10	RM	15.90
F005	Marcato	20	RM	32.90
F006	Mushroom Chicken Rice	20	RM	19.90

No. of Food Displayed : 6

The fifth option "Remove meal" entered, remove function will be activated.

The user will need to enter the meal ID of the existing meal that he/she want to remove. After the meal is removed, the meal list will be updated and the meal ID of the others meal will be affected.

```
Meal Menu
=====
1. Display Menu
2. Search Meal
3. Modify Meal
4. Add New Meal
5. Remove Meal
6. Restock Meal
7. Save and Exit Menu
```

Your Choice : 6

Enter meal ID (FOXX, DOXX, IOXX) : F004

Food ID : F004  
Food Description : Risotto  
Food Quantity : 10  
Food Unit Price : RM15.90

Enter quantity here you want to restock (+ve) or return (-ve): 10

Food ID :F004

Food Description :Risotto  
Food Quantity :10-->20  
Food Unit Price :RM15.90

FOOD MENU

FoodID	Description	Quantity	UnitPrice
F001	Creamy Cheese Spaghetti	10	RM 23.00
F002	Paella	20	RM 44.90
F003	Black Pepper Chicken Rice	25	RM 18.90
F004	Risotto	20	RM 15.90
F005	Marcato	20	RM 32.90
F006	Mushroom Chicken Rice	20	RM 19.90

No. of Food Displayed : 6

The sixth option "Remove meal" entered, remove function will be activated.

The user will need to enter the meal ID of the meal that needed to be restocked or returned. After that, the quantity is needed to be entered (positive number for restock and negative number for return). After that, the quantity will be updated and menu will updated.

```
Meal Menu
=====
1. Display Menu
2. Search Meal
3. Modify Meal
4. Add New Meal
5. Remove Meal
6. Restock Meal
7. Save and Exit Menu
```

```
Your Choice : 7
```

```
Welcome, Daniel Soh
```

```
Starduck Menu
=====
1.Edit Meal Menu
2.Edit Membership List and Discount Details
3.Edit Staff Detail
4.Start accept customer Order
5.Log Out
=====
```

```
Choice : |
```

The 7<sup>th</sup> option is entered, the output screen will be returned to the main menu.

```
Starduck Menu
=====
1.Edit Meal Menu
2.Edit Membership List and Discount Details
3.Edit Staff Detail
4.Start accept customer Order
5.Log Out
=====
```

```
Choice : 4
```

```
Order ID : 020190814001
```

```
Do you have Membership Card? (Yes or No) : |
```

The user will need to select the 4<sup>th</sup> option to accept the customers' order.



Food Menu				
FoodID	Description	Quantity	UnitPrice	
=====	=====	=====	=====	=====
F001	Creamy Cheese Spaghetti	10	RM	23.00
F002	Paella	20	RM	44.90
F003	Black Pepper Chicken Rice	25	RM	18.90
F004	Risotto	20	RM	15.90
F005	Marcato	20	RM	32.90
F006	Mushroom Chicken Rice	20	RM	19.90
No. of Food Displayed : 6				

Drink Menu				
DrinkID	Description	Quantity	UnitPrice	
=====	=====	=====	=====	=====
D001	Espresso	50	RM	15.60
D002	Dark Mocha Frappuccino	40	RM	17.80
D003	Passion fruit Tea	50	RM	15.60
D004	Cappuccino	50	RM	16.30
D005	Green Tea Frappuccino	40	RM	17.80
D006	Americano Brewed Coffee	30	RM	16.30
D007	White Latte	40	RM	15.60
D008	Chocolate Chip Cream	30	RM	17.80
D009	Caramel Frappuccino	20	RM	17.80
D010	Cold brew with Cascara	30	RM	16.30
D011	Strawberry Frappuccino	10	RM	17.80

No. of Drink Displayed : 11

Dessert Menu				
DessertID	Description	Quantity	UnitPrice	
=====	=====	=====	=====	=====
I001	Tiramishu Cake with Chocolate Chip	50	RM	13.50
I002	Black Forest with Dark Coffee	50	RM	16.80
I003	Fruit and Mango Yogurt Cake	40	RM	17.50
I004	Blueberry Cheese Cake	30	RM	12.60
I005	Red Velvet Cake	20	RM	13.10
I006	New York Cheese Cake	40	RM	14.10
I007	Espresso Chocolate Chip Brownies	20	RM	18.50
I008	Skinny Banana Muffin	30	RM	9.80
I009	Butterfly Biscuit	50	RM	6.90
I010	Creamy Milk Chesse Cake with OREO	20	RM	15.40

No. of Drink Displayed : 10

No. of Meal Displayed : 27

Product Order No : 1

=====

Enter Meal ID (F = Food,D = Drink, I = Dessert) : |

The updated menu list  
will show up.



-Product Sales Report-

Food Quantity Sold

Food ID	Food Name	Quantity Sold	Unit Price	Amount
F001	Creamy Cheese Spaghetti	0 RM	23.00	RM 0.00
F002	Paella	0 RM	44.90	RM 0.00
F003	Black Pepper Chicken Rice	2 RM	18.90	RM 37.80
F004	Risotto	0 RM	15.90	RM 0.00
F005	Marcato	0 RM	32.90	RM 0.00
F006	Mushroom Chicken Rice	1 RM	19.90	RM 19.90
Food Total Amount : RM				57.70

Drink Quantity Sold

Drink ID	Drink Name	Quantity Sold	Unit Price	Amount
D001	Espresso	3 RM	15.60	RM 46.80
D002	Dark Mocha Frappuccino	0 RM	17.80	RM 0.00
D003	Passion fruit Tea	0 RM	15.60	RM 0.00
D004	Cappuccino	0 RM	16.30	RM 0.00
D005	Green Tea Frappuccino	0 RM	17.80	RM 0.00
D006	Americano Brewed Coffee	0 RM	16.30	RM 0.00
D007	White Latte	2 RM	15.60	RM 31.20
D008	Chocolate Chip Cream	0 RM	17.80	RM 0.00
D009	Caramel Frappuccino	0 RM	17.80	RM 0.00
D010	Cold brew with Cascara	0 RM	16.30	RM 0.00
D011	Strawberry Frappuccino	0 RM	17.80	RM 0.00
Drink Total Amount : RM				78.00

Dessert Quantity Sold

Dessert ID	Dessert Name	Quantity Sold	Unit Price	Amount
I001	Tiramishu Cake with Chocolate Chip	0 RM	13.50	RM 0.00
I002	Black Forest with Dark Coffee	0 RM	16.80	RM 0.00
I003	Fruit and Mango Yogurt Cake	3 RM	17.50	RM 52.50
I004	Blueberry Cheese Cake	0 RM	12.60	RM 0.00
I005	Red Velvet Cake	0 RM	13.10	RM 0.00
I006	New York Cheese Cake	0 RM	14.10	RM 0.00
I007	Espresso Chocolate Chip Brownies	0 RM	18.50	RM 0.00
I008	Skinny Banana Muffin	0 RM	9.80	RM 0.00
I009	Butterfly Biscuit	0 RM	6.90	RM 0.00
I010	Creamy Milk Chesse Cake with OREO	0 RM	15.40	RM 0.00
Dessert Total Amount : RM				52.50

The modified meal list  
will also be used for  
sales report for the  
closing the café.

**Accept order with the updated discount info (Julia Adriana)**

Welcome, Daniel Soh

Starduck Menu

=====

- 1.Edit Meal Menu
- 2.Edit Membership List and Discount Details
- 3.Edit Staff Detail
- 4.Start accept customer Order
- 5.Log Out

=====

Choice : 2



The 2<sup>nd</sup> option is to select the "Edit Membership List and Discount Details" function.

Discount Menu

=====

1. Display Membership list
2. Search Membership member
3. Modify Membership member
4. Add new Member
5. Remove existing Member
6. Modify Discount
7. Display Anniversary Detail
8. Save and Exit Menu

Your Choice : |

```
Discount Menu
=====
1. Display Membership list
2. Search Membership member
3. Modify Membership member
4. Add new Member
5. Remove existing Member
6. Modify Discount
7. Display Anniversary Detail
8. Save and Exit Menu
```

Your Choice : 1

MemberID	Membership List	Card Number
=====	=====	=====
M001	Lim Wei Yang	MMM000331
M002	Quek Wei Xuan	MMM000362
M003	Lim Lian Hong	MMM000716
M004	Lo Yee Chang	MMM000012
M005	Liew Zhen He	MMM000992
M006	Julia Adriana	MMM000512
M007	Ting Tze Jian	MMM000990
M008	Siah Wei Kang	MMM000101
M009	Len Chun Yi	MMM000450
M010	Chin Kai Lun	MMM000528

No. of Member Displayed : 10  
Member discount : 10.00%

The 1<sup>st</sup> option is to select "Display Membership List" function.

So, it will display the membership member details with the number of members displayed and member discount

```
Discount Menu
=====
1. Display Membership list
2. Search Membership member
3. Modify Membership member
4. Add new Member
5. Remove existing Member
6. Modify Discount
7. Display Anniversary Detail
8. Save and Exit Menu
```

Your Choice : 2

Enter membership ID (M0XX) : M005

Member ID : M005  
Member Name : Liew Zhen He  
Card Number : MMM000992

The 2<sup>nd</sup> option is to select "Search Membership member" function.

Enter membership ID (M0XX) : M111  
Sorry, the membership entered is unknown.

If enter the invalid membership ID it will print meaningful error message.

# Discount Menu

- =====
- 1. Display Membership list
- 2. Search Membership member
- 3. Modify Membership member
- 4. Add new Member
- 5. Remove existing Member
- 6. Modify Discount
- 7. Display Anniversary Detail
- 8. Save and Exit Menu

Your Choice : 3

Enter membership ID (M0XX) : M005

The 3<sup>rd</sup> option is to select "Modify Membership member" function.

Enter membership ID (M0XX) : M005

Member ID : M005  
Member Name : Liew Zhen He  
Card Number : MMM000992

When you enter the membership ID it will display the membership member details

Which one you want modify?

- 1. Name
  - 2. Card number
  - 3. Exit Modify
- Enter here : 2

It also can select the modification selection to modify the membership member details.

Type the new card Number: MMM001231

Old : MMM000992  
New : MMM001231

So, it will display before and after modify details.

Member ID : M005  
Member Name : Liew Zhen He  
Card Number : MMM001231

Membership List		
MemberID	Member Name	Card Number
M001	Lim Wei Yang	MMM000331
M002	Quek Wei Xuan	MMM000362
M003	Lim Lian Hong	MMM000716
M004	Lo Yee Chang	MMM000012
M005	Liew Zhen He	MMM001231
M006	Julia Adriana	MMM000512
M007	Ting Tze Jian	MMM000990
M008	Siah Wei Kang	MMM000101
M009	Len Chun Yi	MMM000450
M010	Chin Kai Lun	MMM000528

After modify, the membership member details will be updated.

No. of Member Displayed : 10  
Member discount : 10.00%

Discount Menu

```

=====
1. Display Membership list
2. Search Membership member
3. Modify Membership member
4. Add new Member
5. Remove existing Member
6. Modify Discount
7. Display Anniversary Detail
8. Save and Exit Menu
  
```

The 4<sup>th</sup> option is to select "Add new Member" function.

Your Choice : 4

```

New member
=====
Enter new Member name : Rayyan
Enter card Number      : MMM000708

New Member "M011" added!

Member ID   : M011
Member Name : Rayyan
Card Number : MMM000708
  
```

Just enter the new member name and card number then the new member will be added.

Membership List		
MemberID	Member Name	Card Number
M001	Lim Wei Yang	MMM000331
M002	Quek Wei Xuan	MMM000362
M003	Lim Lian Hong	MMM000716
M004	Lo Yee Chang	MMM000012
M005	Liew Zhen He	MMM001231
M006	Julia Adriana	MMM000512
M007	Ting Tze Jian	MMM000990
M008	Siah Wei Kang	MMM000101
M009	Len Chun Yi	MMM000450
M010	Chin Kai Lun	MMM000528
M011	Ravvan	MMM000708

No. of Member Displayed : 11  
Member discount : 10.00%

The new member will be displayed in the membership list.

Discount Menu

1.	Display Membership list
2.	Search Membership member
3.	Modify Membership member
4.	Add new Member
5.	Remove existing Member
6.	Modify Discount
7.	Display Anniversary Detail
8.	Save and Exit Menu

Your Choice : 5

The 5<sup>th</sup> option is to select "Remove existing Member" function.

Remove Member

Enter member ID (M0XX) : M011
The member Rayyan is removed!

Write the member ID then the member details will be removed.

Membership List		
MemberID	Member Name	Card Number
M001	Lim Wei Yang	MMM000331
M002	Quek Wei Xuan	MMM000362
M003	Lim Lian Hong	MMM000716
M004	Lo Yee Chang	MMM000012
M005	Liew Zhen He	MMM001231
M006	Julia Adriana	MMM000512
M007	Ting Tze Jian	MMM000990
M008	Siah Wei Kang	MMM000101
M009	Len Chun Yi	MMM000450
M010	Chin Kai Lun	MMM000528

No. of Member Displayed : 10  
Member discount : 10.00%

---

So, the member with member ID “M011” have been removed for the membership list.



### Discount Menu

=====

1. Display Membership list
2. Search Membership member
3. Modify Membership member
4. Add new Member
5. Remove existing Member
6. Modify Discount
7. Display Anniversary Detail
8. Save and Exit Menu

Write the member ID  
then the member details  
will be removed.

Your Choice : 6

### Discount List

=====

Member discount : 10.00%  
Anniversary discount : 50.00%

It will list the current  
discount list.

Which one you want modify?

1. Member Discount
2. Anniversary Discount
3. Exit Modify

It will list down which  
one we want to modify  
and exit modification.

Enter here : |

```
Discount List
=====
Member discount      : 10.00%
Anniversary discount : 50.00%
```

```
Which one you want modify?
1. Member Discount
2. Anniversary Discount
3. Exit Modify
Enter here : 1
```

The 1<sup>st</sup> option is to select  
"Member Discount"  
function.

```
Type the new member discount(%): 15
```

```
Old Membership discount: 10.00%
New Membership discount: 15.00%
```

It will show the old and  
new membership  
discount in percentage.

```
Discount List
=====
Member discount      : 15.00%
Anniversary discount : 50.00%
```

```
Which one you want modify?
1. Member Discount
2. Anniversary Discount
3. Exit Modify
Enter here : |
```

## Discount Menu

=====

1. Display Membership list
2. Search Membership member
3. Modify Membership member
4. Add new Member
5. Remove existing Member
6. Modify Discount
7. Display Anniversary Detail
8. Save and Exit Menu

Your Choice : 7

The Anniversary discount of 45.00% is only every year in 5 December.

Th 7<sup>th</sup> option is to select  
“Display Anniversary  
Details” function.

It will display the anniversary discount  
in percentage and also display every  
year anniversary date.

```
Discount Menu
=====
1. Display Membership list
2. Search Membership member
3. Modify Membership member
4. Add new Member
5. Remove existing Member
6. Modify Discount
7. Display Anniversary Detail
8. Save and Exit Menu
```

Your Choice : 8

Welcome, Daniel Soh

```
Starduck Menu
=====
1.Edit Meal Menu
2.Edit Membership List and Discount Details
3.Edit Staff Detail
4.Start accept customer Order
5.Log Out
=====
Choice : |
```

---

Th 8<sup>th</sup> option is to select  
“Save and Exit Menu”  
function.

Order ID : 020190814001

Do you have Membership Card? (Yes or No) : No

Do you want to buy member Card? (Yes/No): Yes

New member

=====

Enter new Member name : Rayyan

Enter card Number : MMM000708

New Member "M011" added!

Member ID : M011

Member Name : Rayyan

Card Number : MMM000708

Create new membership card and add in the membership list.

Membership List

MemberID	Member Name	Card Number
M001	Lim Wei Yang	MMM000331
M002	Quek Wei Xuan	MMM000362
M003	Lim Lian Hong	MMM000716
M004	Lo Yee Chang	MMM000012
M005	Liew Zhen He	MMM001231
M006	Julia Adriana	MMM000512
M007	Ting Tze Jian	MMM000990
M008	Siah Wei Kang	MMM000101
M009	Len Chun Yi	MMM000450
M010	Chin Kai Lun	MMM000528
M011	Rayyan	MMM000708

After new member is added, the membership list will be updated.

No. of Member Displayed : 11

Member discount : 15.00%

Starduck Cafe

=====

Order No : 020190814001      Staff ID :      HS001

Product Ordered      Quantity      Unit Price(RM)      Amount(RM)

Member card Price	1	20.00	20.00
Paella	1	44.90	44.90
Chocolate Chip Cream	1	17.80	17.80
New York Cheese Cake	1	14.10	14.10

=====

Receipt :      Total : RM      96.80  
SST (10%) : RM      9.68  
SubTotal : RM      106.48  
Discount Allowed : RM      0.00  
Cash Reduced (Voucher) : RM      0.00  
Grand Total : RM      106.48  
Rounding : RM      -0.48  
Rounding Grand Total : RM      106.00  
Amount Paid : RM      110.00  
Change Due : RM      4.00

=====

Thank you for coming!  
Please Like our Facebook Page!

The membership card  
price will print out in the  
receipt.

cccccccccccccc

Order ID : 020190814002

Do you have Membership Card? (Yes or No) : Yes

Member Card

\*\*\*\*\*

Enter Card Number : MMM000331

Membership valid, 15% discount allowed!

---



When the membership card number is valid, the customer will receive discount.

```

Starduck Cafe
=====
Order No   : 020190814002      Staff ID :    HS001
Product Ordered      Quantity  Unit Price(RM)  Amount(RM)
=====
Creamy Cheese Spaghetti      2          23.00      46.00
Dark Mocha Frappuccino       1          17.80      17.80
=====
Receipt :
Total : RM 63.80
SST (10%): RM 6.38
SubTotal : RM 70.18
Discount Allowed : RM 10.53
Cash Reduced (Voucher) : RM 0.00
Grand Total : RM 59.65
Rounding : RM 0.35
Rounding Grand Total : RM 60.00
Amount Paid : RM 70.00
Change Due : RM 10.00
=====
Thank you for coming!
Please Like our Facebook Page!

```

It will display the discount allowed in the receipt when the customer have a valid membership card.



-Starduck Cafe-  
Sales Report

=====

Date : 14 Aug 2019 07:45:23 GMT  
Customer Sales Report

=====

Order No : 020190814001      Staff ID :      HS001  
Product Ordered      Quantity      Unit Price(RM)      Amount(RM)

Member card Price	1	20.00	20.00
Paelia	1	44.90	44.90
Chocolate Chip Cream	1	17.80	17.80
New York Cheese Cake	1	14.10	14.10

=====

Total : RM 96.80  
SubTotal : RM 106.48  
Discount Allowed : RM 0.00  
Cash Reduced : RM 0.00  
Grand Total : RM 106.48  
Rounding Grand Total : RM 106.00

=====

Order No : 020190814002      Staff ID :      HS001  
Product Ordered      Quantity      Unit Price(RM)      Amount(RM)

Creamy Cheese Spaghetti	2	23.00	46.00
Dark Mocha Frappuccino	1	17.80	17.80


=====

Total : RM 63.80  
SubTotal : RM 70.18  
Discount Allowed : RM 10.53  
~~Cash Reduced : RM 0.00~~  
Grand Total : RM 59.65  
Rounding Grand Total : RM 60.00

Sales report is also displaying the total amount of discount allowed and the member card price who are new in membership.

```
=====
Product Total Amount : RM 140.60
Total memberCard Sold Amount : RM 20.00
Total Amount : RM 160.60
SST Amount : RM 16.06
SubTotal Amount : RM 176.66
Total Discount Allowed : RM 10.53
Total Cash reduced : RM 0.00
Total GrandTotal amount : RM 166.13
Total Rounding amount : RM -0.13
Total Rounded GrandTotal amount : RM 166.00
=====
```

Please Come Again!!!



Sales report will also display the total amount discount allowed.

Edit the Staff Details (Only accessible by High-Level Management Staff) (Quek Wei Xuan)

```
-----Configuration: <Default>-----
Starduck Cafe
=====
Enter User ID (With '-1' at first 2 characters is exit): HS003
Password : Moo1114

Welcome, Reuben Moo

Starduck Menu
=====
1.Edit Meal Menu
2.Edit Membership List and Discount Details
3.Edit Staff Detail
4.Start accept customer Order
5.Log Out
=====
Choice : 3
=====
Staff Menu
=====
1. Display Staff List
2. Search Staff Details
3. Modify Staff Details
4. Add new Staff
5. Remove existing Staff
6. Save and Exit Menu

Your Choice :
```

When the 3<sup>rd</sup> option of the High-Level Staff main menu (Edit Staff Detail) is selected, the list of action regarding the staff which is called “Staff Menu” will show up for the user to pick the action to execute.

Welcome, Reuben Moo

#### Starduck Menu

- 1.Edit Meal Menu
- 2.Edit Membership List and Discount Details
- 3.Edit Staff Detail
- 4.Start accept customer Order
- 5.Log Out

Choice : 3

#### Staff Menu

- 1. Display Staff List
- 2. Search Staff Details
- 3. Modify Staff Details
- 4. Add new Staff
- 5. Remove existing Staff
- 6. Save and Exit Menu

Your Choice : 1

Staff List			
StaffID	Staff Name	Category	Position
HS001	Daniel Soh	High Level Management	Supervisor
HS002	Jassie Lim	High Level Management	Supervisor
HS003	Reuben Moo	High Level Management	Manager
HS004	Paul Lee	High Level Management	Manager
NS001	Gabriel Liew	Normal Staff	Waiter
NS002	Andy Yap	Normal Staff	Waiter
NS003	Dickson Ooi	Normal Staff	Waiter
NS004	Brenden Loh	Normal Staff	Waiter

No. of Staff Displayed : 8

When the 1<sup>st</sup> option is selected by the user, the Staff List that contain the information of all the staff will be displayed.

The number of staff displayed will be stated below the Staff List.

Search Staff

Enter StaffID (NS0XX/HS0XX) : HS001

Staff ID: HS001  
Name: Daniel Soh  
Category: High Level Management  
Management Position: Supervisor

Search Staff

Enter StaffID (NS0XX/HS0XX) : NS003

Staff ID: NS003  
Name: Dickson Ooi  
Category: Normal Staff  
Staff Position: Waiter

If the user select option 2, the system will show a message to prompt the user input the StaffID that he/she wanted to search with.

After that, the staff details will be shown below the prompt message.

```
Staff Menu
=====
1. Display Staff List
2. Search Staff Details
3. Modify Staff Details
4. Add new Staff
5. Remove existing Staff
6. Save and Exit Menu
```

```
Your Choice : 3
```

```
Modify Staff
=====
Enter Staff ID (NSOXX/HSOXX) : HS001

Staff ID: HS001
Name: Daniel Soh
Category: High Level Management
Management Position: Supervisor
```

```
Which attribute that you want to modify?
1.Staff Name
2.Staff Position
3.Password
4.Exit
```

If the user selected the 3<sup>rd</sup> option on the “Staff Menu”, it will execute the modify staff details function.

A prompt message will show up to prompt the user enter the StaffID of the staff that he/she want to modify the details. The current information of the staff will be show before modify.

The user is able to choose whether which attribute that he/she want to modify.

```
Which attribute that you want to modify?
1.Staff Name
2.Staff Position
3.Password
4.Exit
```

```
Selection(1/2/3/4) > 1
Please Enter the personal details:
Name : Daniel Quek
```

```
Old : Daniel Soh
New : Daniel Quek
```

```
Staff ID: HS001
Name: Daniel Quek
Category: High Level Management
Management Position: Supervisor
```

When the user prefers to modify the staff name, a prompt message to prompt user input the new name for the staff will show on the output screen.

The existing staff name and the new staff name entered by the user will display on the output screen for comparison.

After that, the complete staff details after modify will be displayed.

```
Selection(1/2/3/4) > 2
Position: 1)Supervisor
          2)Manager
Enter here : 2
```

```
Old : Supervisor
New : Manager
```

```
Staff ID: HS001
Name: Daniel Quek
Category: High Level Management
Management Position: Manager
```

When the user prefers to modify the staff position, a prompt message to prompt user select the new position for the staff will show on the output screen.

The existing staff position and the new staff position selected by the user will display on the output screen for comparison.

After that, the complete staff details after modify will be displayed.

Selection(1/2/3/4) > 3

Enter Current Password: qswaqswal23  
Enter the New Password: hahal234  
Comfirm the New Password: hahal234

New Password Set!

For the modify password, the user is required to enter the current password for identification before change the password. The new password is required to be confirmed to prevent typing error of the user.

A notify message will show on the screen if the password is changed successfully.

Selection(1/2/3/4) > 4

Staff Menu

- =====
1. Display Staff List
  2. Search Staff Details
  3. Modify Staff Details
  4. Add new Staff
  5. Remove existing Staff
  6. Save and Exit Menu

Your Choice :

When the user wants to exit the modify function, user should enter 4 on the selection prompt.

After that, it will bring the user back to the "Staff Menu" section.



### Add new Staff (Only accessible by High-Level Management Staff)

```
Staff Menu
=====
1. Display Staff List
2. Search Staff Details
3. Modify Staff Details
4. Add new Staff
5. Remove existing Staff
6. Save and Exit Menu

Your Choice : 4

Add new Staff
=====
Choose the type (HS = HighLevel/NS = NormalStaff) : NS
```

When the 4<sup>th</sup> option is selected by the user, the add new staff function will be activated.

A prompt message that prompt the user to enter the type of staff that he/she want to add. (For example, Normal Staff is demonstrated.)

```
Add new Staff
=====
Choose the type (HS = HighLevel/NS = NormalStaff) : NS

New Normal Staff
=====
Please Enter the personal details:
Name : Sin Yong Er
Password: sinsinsinsin

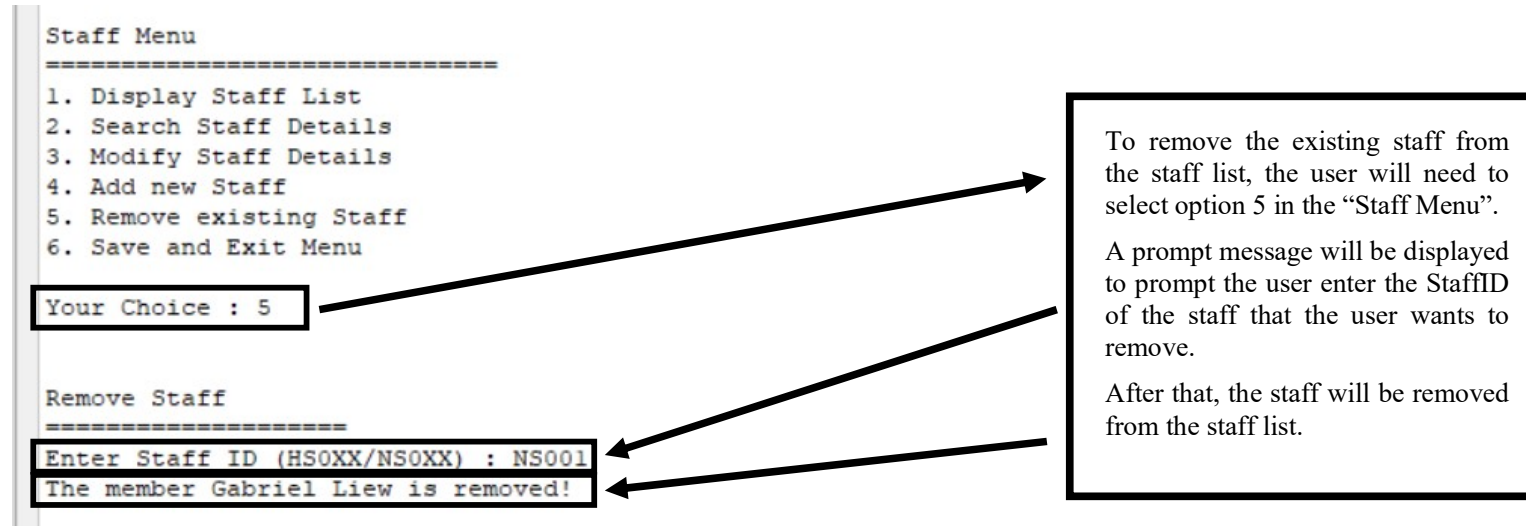
New Employee "NS005" Added!
Staff ID: NS005
Name: Sin Yong Er
Category: Normal Staff
Staff Position: Waiter
```

After that, the user will be led to enter the personal details to create an account for the staff to use the Point-Of-Sales System.

The StaffID will be auto generated by the system.

Then, the complete personal details of the new staff will be displayed for confirmation.

**Remove Staff (Only accessible by High-Level Management Staff)**



Staff Menu

1. Display Staff List
2. Search Staff Details
3. Modify Staff Details
4. Add new Staff
5. Remove existing Staff
6. Save and Exit Menu

Your Choice : 1

Staff List			
StaffID	Staff Name	Category	Position
HS001	Daniel Quek	High Level Management	Manager
HS002	Jassie Lim	High Level Management	Supervisor
HS003	Reuben Moo	High Level Management	Manager
HS004	Paul Lee	High Level Management	Manager
NS001	Andy Yap	Normal Staff	Waiter
NS002	Dickson Ooi	Normal Staff	Waiter
NS003	Brenden Loh	Normal Staff	Waiter
NS004	Sin Yong Er	Normal Staff	Waiter
No. of Staff Displayed : 8			

After every modification, the staff list will update automatically.

### Exit the Staff Menu

```
Staff Menu
=====
1. Display Staff List
2. Search Staff Details
3. Modify Staff Details
4. Add new Staff
5. Remove existing Staff
6. Save and Exit Menu
```

Your Choice : 6

Welcome, Reuben Moo

```
Starduck Menu
=====
1.Edit Meal Menu
2.Edit Membership List and Discount Details
3.Edit Staff Detail
4.Start accept customer Order
5.Log Out
=====
Choice : |
```

When the user select option 6 from the "Staff Menu", the system will exit from the "Staff Menu" to the High-Level Staff main menu.

## Accept Order (Lo Yee Chang)

### Accept Order

Welcome, Dickson Ooi

Starduck Menu

- 1.View Meal Menu
- 2.View Membership List and Discount Details
- 3.Start accept customer order
- 4.Log Out

Choice : 3

Order ID : 020190814001

Do you have Membership Card? (Yes or No) : Yes

Member Card

Enter Card Number : 888800000000

Membership valid, 10% discount allowed

Food Menu			
FoodID	Description	Quantity	UnitPrice
F001	Creamy Cheese Spaghetti	10	RM 23.00
F002	Paella	20	RM 44.90
F003	Mushroom Chicken Rice	25	RM 18.90
F004	Risotto	10	RM 15.90
F005	Double-SmokedBacon	25	RM 28.50
F006	Marcato	20	RM 32.90

No. of Food Displayed : 6

Drink Menu			
DrinkID	Description	Quantity	UnitPrice
D001	Espresso	50	RM 15.60
D002	Dark Mocha Frappuccino	40	RM 17.80
D003	Passion fruit Tea	50	RM 15.60
D004	Cappuccino	50	RM 16.30
D005	Green Tea Frappuccino	40	RM 17.80
D006	Americano Brewed Coffee	30	RM 16.30
D007	White Latte	40	RM 15.60
D008	Chocolate Chip Cream	30	RM 17.80
D009	Caramel Frappuccino	20	RM 17.80
D010	Cold brew with Cascara	30	RM 16.30
D011	Strawberry Frappuccino	10	RM 17.80

No. of Drink Displayed : 11

Dessert Menu			
DessertID	Description	Quantity	UnitPrice
I001	Tiramishu Cake with Chocolate Chip	50	RM 13.50
I002	Black Forest with Dark Coffee	50	RM 16.80
I003	Fruit and Mango Yogurt Cake	40	RM 17.50
I004	Blueberry Cheese Cake	30	RM 12.60
I005	Red Velvet Cake	20	RM 13.10
I006	New York Cheese Cake	40	RM 14.10
I007	Espresso Chocolate Chip Brownies	20	RM 18.50
I008	Skinny Banana Muffin	30	RM 9.80
I009	Butterfly Biscuit	50	RM 6.90
I010	Creamy Milk Chesse Cake with OREO	20	RM 15.40

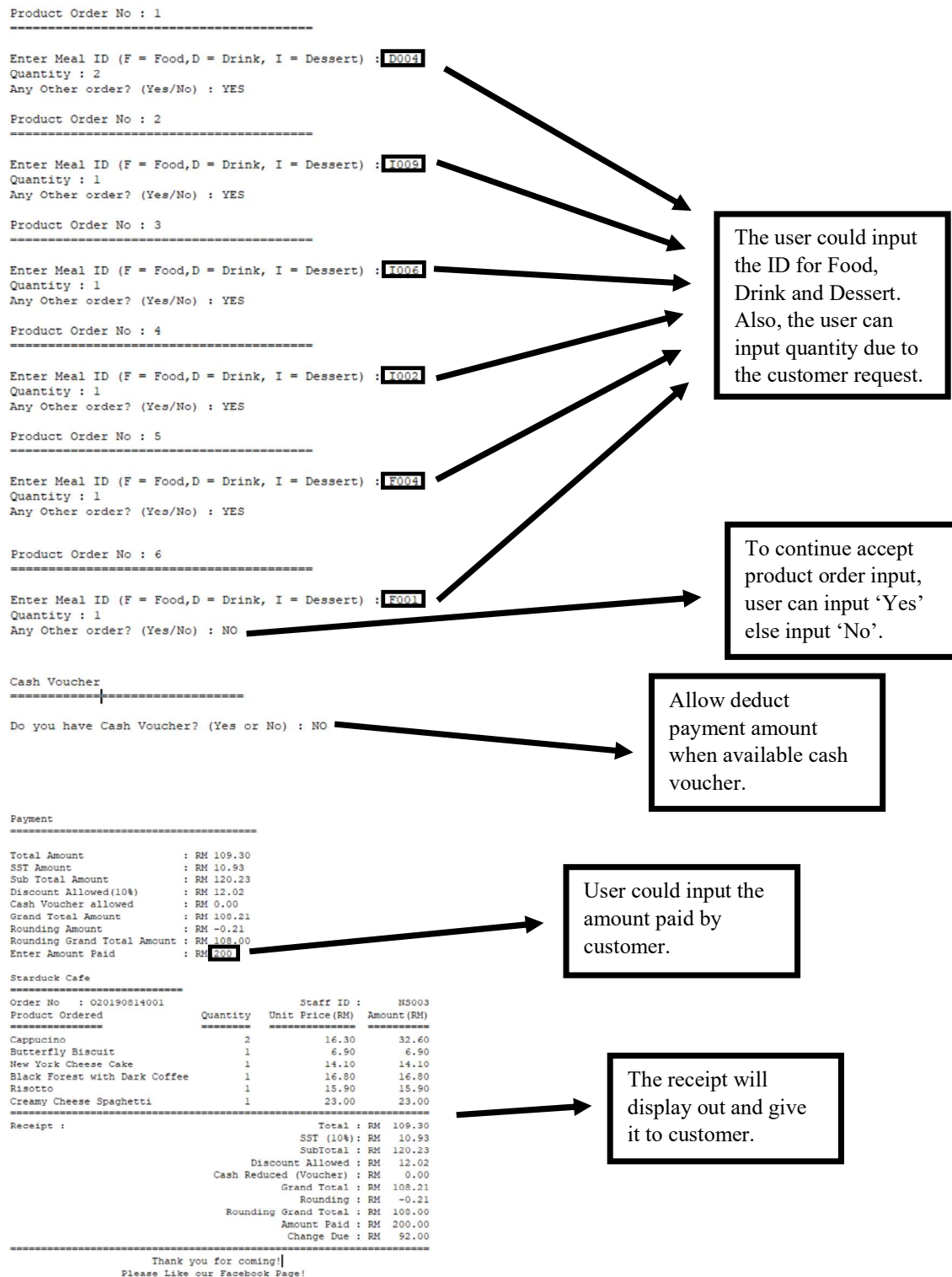
No. of Drink Displayed : 10

No. of Meal Displayed : 27

Employee input '3' to accept customer order.

Employee enter 'Yes' when customer is a member.

When the member card number is valid, the customer able to be receive membership discount.



User can continue  
accept order from  
next customer with  
input 'Yes' else input  
'No'.

Any other customer? (Yes or No) : NO

-Starduck Cafe-  
Sales Report

=====

Date : 14 Aug 2019 03:30:10 GMT  
Customer Sales Report

=====

Order No	Staff ID	Product Ordered	Quantity	Unit Price(RM)	Amount(RM)
: 020190814001	: NS003				
		Cappucino	2	16.30	32.60
		Butterfly Biscuit	1	6.90	6.90
		New York Cheese Cake	1	14.10	14.10
		Black Forest with Dark Coffee	1	16.80	16.80
		Risotto	1	15.90	15.90
		Creamy Cheese Spaghetti	1	23.00	23.00
				Total : RM	109.30
				SubTotal : RM	120.23
				Discount Allowed : RM	12.02
				Cash Reduced : RM	0.00
				Grand Total : RM	108.21
				Rounding Grand Total : RM	108.00

=====

Sales Report will  
display out after daily  
business has been  
finish.



-Product Sales Report-

Food Quantity Sold

Food ID	Food Name	Quantity Sold	Unit Price	Amount
F001	Creamy Cheese Spaghetti	1 RM	23.00	RM 23.00
F002	Paella	0 RM	44.90	RM 0.00
F003	Mushroom Chicken Rice	0 RM	18.90	RM 0.00
F004	Risotto	1 RM	15.90	RM 15.90
F005	Double-SmokedBacon	0 RM	28.50	RM 0.00
F006	Marcato	0 RM	32.90	RM 0.00

Food Total Amount : RM 38.90

Drink Quantity Sold

Drink ID	Drink Name	Quantity Sold	Unit Price	Amount
D001	Espresso	0 RM	15.60	RM 0.00
D002	Dark Mocha Frappuccino	0 RM	17.80	RM 0.00
D003	Passion fruit Tea	0 RM	15.60	RM 0.00
D004	Cappuccino	2 RM	16.30	RM 32.60
D005	Green Tea Frappuccino	0 RM	17.80	RM 0.00
D006	Americano Brewed Coffee	0 RM	16.30	RM 0.00
D007	White Latte	0 RM	15.60	RM 0.00
D008	Chocolate Chip Cream	0 RM	17.80	RM 0.00
D009	Caramel Frappuccino	0 RM	17.80	RM 0.00
D010	Cold brew with Cascara	0 RM	16.30	RM 0.00
D011	Strawberry Frappuccino	0 RM	17.80	RM 0.00

Drink Total Amount : RM 32.60

Dessert Quantity Sold

Dessert ID	Dessert Name	Quantity Sold	Unit Price	Amount
I001	Tiramishu Cake with Chocolate Chip	0 RM	13.50	RM 0.00
I002	Black Forest with Dark Coffee	1 RM	16.80	RM 16.80
I003	Fruit and Mango Yogurt Cake	0 RM	17.50	RM 0.00
I004	Blueberry Cheese Cake	0 RM	12.60	RM 0.00
I005	Red Velvet Cake	0 RM	13.10	RM 0.00
I006	New York Cheese Cake	1 RM	14.10	RM 14.10
I007	Espresso Chocolate Chip Brownies	0 RM	18.50	RM 0.00
I008	Skinny Banana Muffin	0 RM	9.80	RM 0.00
I009	Butterfly Biscuit	1 RM	6.90	RM 6.90
I010	Creamy Milk Chesse Cake with OREO	0 RM	15.40	RM 0.00

Dessert Total Amount : RM 37.80

Product Total Amount : RM 109.30  
 Total memberCard Sold Amount : RM 0.00  
 Total Amount : RM 109.30  
 SST Amount : RM 10.93  
 SubTotal Amount : RM 120.23  
 Total Discount Allowed : RM 12.02  
 Total Cash reduced : RM 0.00  
 Total GrandTotal amount : RM 108.21  
 Total Rounding amount : RM -0.21  
 Total Rounded GrandTotal amount : RM 108.00

Please Come Again!!!

Do you want to open again? :  
 Yes or No : no

Process completed.

Product Sales Report will display out after daily business has been finish.

Total Revenue for one day will be count out and display.

User can reopen system after close it.